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17 May 1960

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NOTES FOR MEETING [REDACTED] 17 MAY 1960, BASED ON [REDACTED] REPORT

GENERAL QUESTION: Has P & E examined further the following specific items since 29 April meeting in Boston.

Specific Items:

1. Film Transport

- (a) does absolutely continuous film motion warrant the attendant complications?
- (b) can the coaxial film supply/takeup be changed to avoid film twists?
- (c) can two film supplies be used?
- (d) will the completely electrical synchronization be as reliable as a mechanical system?
- (e) in the present design can the cooled housing which encloses film be made reasonably easy to service in the field?

2. Optics

- (a) can the optical assembly be manufactured and mounted without loss in image quality nor extra weight?
- (b) could convergence in stereo coverage be obtained?
- (c) is there a good substitute for the present scanning mirror to permit smaller windows?

3. Window

- (a) can size be reduced? (see above)
- (b) how many layers and coatings needed at present?
- (c) what is relation between window sizes and required number of layers and coatings?

4. IMC

- (a) can sufficient accuracy be achieved by toe-in roller motion?

EUGENE P. KIEFER

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